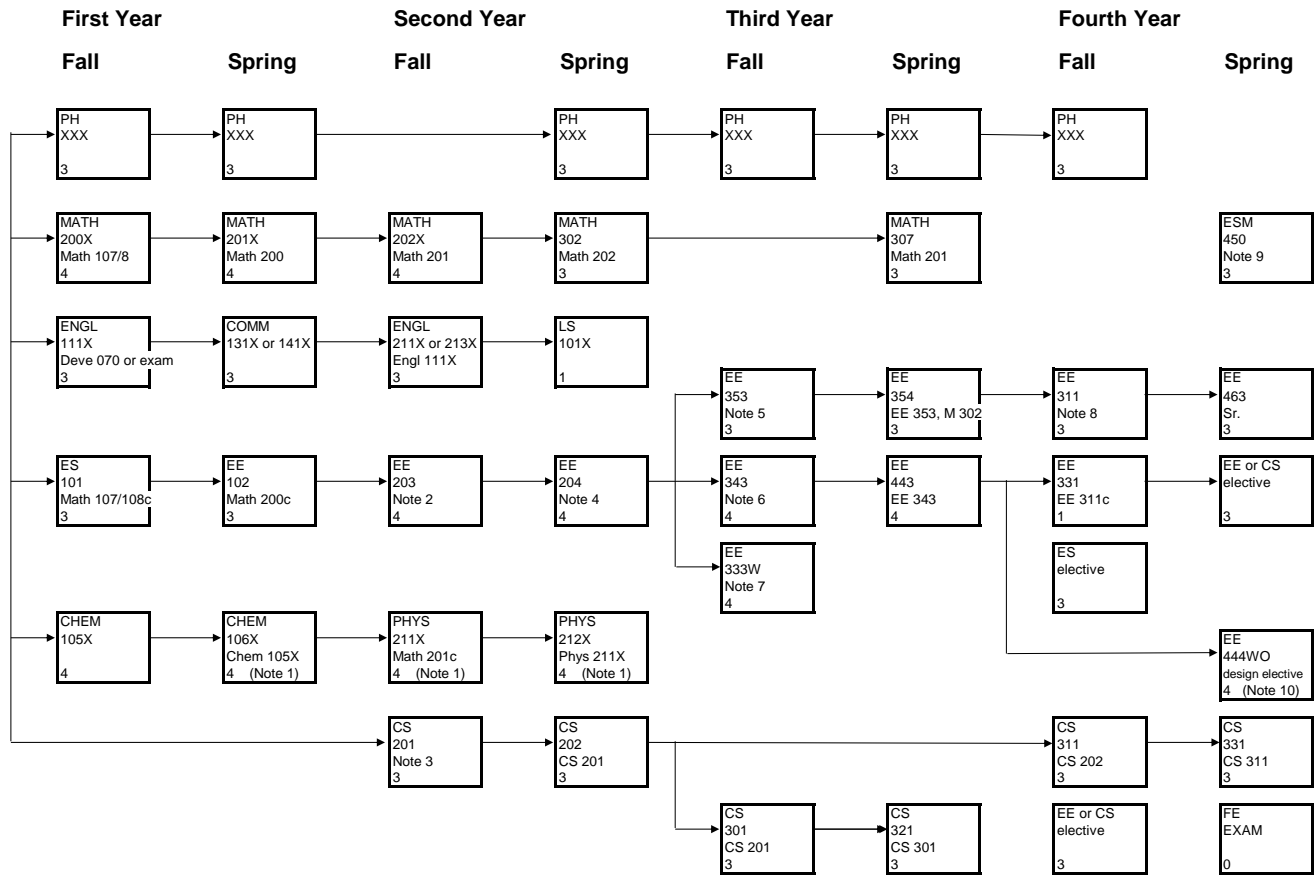


FLOWCHART 12-13

Computer Engineering Requirements (Based on the 2012-2013 Catalog)



Legend

Department
 Course Number
 Prerequisites (a "c" indicates a co-requisite)
 Credit Hours

PH = Perspectives on the Human Condition
 Humanities, Arts and Social Sciences courses

Notes

1. It is possible to take Chem 105, Phys 211X, 212X, 213X for the Natural Sciences requirement
2. EE 203 prereq: EE 102, Math 200; Co-req: Math 201c
3. CS 201 pre/co-requisites: CS 103 or H.S. programming, Math 200c
4. EE 204 pre/co-requisites: EE 203, Math 201, Math 202c
5. EE 353 prereq: EE 204, Math 202, ES 201 or CS 201; Co-req: Math 302
6. EE 343 pre/co-requisites: ES 201 or CS 201, EE 204, EE 333c
7. EE 333 prerequisites: EE 204, Engl 211X or 213X
8. EE 311 prerequisites: Phys 212, Math 302, EE 204
9. ESM 450 prerequisites: Engl 111X, 211X or 213X, ES 201 or CS 201, Sr.
10. EE 444 prerequisites: Comm 131X/141X, Engl 111X, Engl 211X/213X, EE 443

Math Sequence

- 200 Calculus I
- 201 Calculus II
- 202 Calculus III
- 302 Differential Equations
- 307 Discrete Mathematics

CS Sequence

201, 202, 311 are offered both semesters

Take all electives in Senior Year - in any semester

Electives - choose 2

- EE 334
- EE 434
- EE 451
- EE 461
- EE 464
- EE 471
- CS 361
- CS 381
- CS 411
- CS 421
- CS 431
- CS 471
- CS 472
- CS 481

ES Elective - choose 1

- ES 208
- ME 334
- ES 346
- ES 331 has ES prerequisites
- ES 341 has ES prerequisites